LC/NAIROBI.

UNITED NATIONS
ECONOMIC AND SOCIAL COUNCIL

Distr.
LIMITED
E/ECA/PSD.4/53
26 February 1986
ENGLISH
Original: FRENCH

ECONOMIC COMMISSION FOR AFRICA

Fourth Session of the Joint Conference of African Planners, Statisticians and Demographers

Addis Ababa, Ethiopia 3 - 12 March 1986

LOCAL PROCESSING OF RAW MATERIALS FOR EXPORT

E/ECA/TSD.4/33

C O N T E N T S

	Paragraphes	Pages
INTRODUCTION	1-30	1-6
1. Data coverage		
1.1 Statistics on the volume of raw materials exported or processed locally	4-6	2
1.2 Data on the production and export of manufactured goods	7-9	2-3
2. Local processing of some African raw materials (crude oil, natural gas, iron and copper ore, natural phosphate, (raw tobacco, cocoa beans and sunflower seeds).		
2.1 Trends in the quantities processed	10-17	3-5
2.2 Share of exports and volume processed in the total production of raw materials	18-24	5-6
3. African production and export of manufactured goods		
3.1 General trends in the production and export of some countries	25-26	6-7
3.2 The share of manufactured goods in national exports	27	7
3.3 Composition according to final use of exports of manufactured goods	28	7
3.4 Regional exports of manufactured goods by groups of products	29-30	7-8
CONCLUSION	31-33	8

STATISTICAL ANNEX

1. Quantity of crude oil processed locally
2. " " natural gas processed locally
3. " " iron ore processed locally
4. " " copper ore processed locally
5. " " natural phosphate processed locally
6. " " saw wood and veneering wood processed locally
7. " " locally processed raw tobacco
8. " " cocoa beans processed locally
9. " " locally processed sunflower seeds
10. Share of exports and locally processed items in crude oil production
11. Share of exports and quantities of locally processed natural gas in total natural gas production

C O N T E N T S

		Paragraphes	Pages
12.	Share of exports and quantities of locally processed iron ore in the total production of iron ore		
13.	Share of exports and quantities of locally processed copper ore in the total production of copper ore		
14.	Share of exports and quantities of locally processed natural phosphates in the total production of natural phosphate		
15.	Share of exports and quantities of locally processed saw wood and veneering wood in the production of saw wood and veneering wood		
16.	Share of exports and quantities of locally processed raw tobacco in the total production of raw tobacco		
17.	Share of exports and quantities of locally processed cocoa beans in the total production of cocoa beans		
18.	Share of exports and quantities of locally processed sunflower seeds in the total production of sunflower seeds		
19.	General trends in the production and export of manufactured goods of some African countries		
20.	Share of manufactured goods in national exports		
21.	Composition according to final use of exports of manufactured goods		
22.	Value of African exports of manufactured goods		
23.	Percentage breakdown of exports of African manufactured goods by groups of products		

INTRODUCTION

1. Despite a clear trend towards diversification and the growing importance of non-traditional activities, the bulk of African manufacturing output today is still based on four groups of items: food, drinks, textiles and wood products. During the past 10 years, that situation forced the region to secure from abroad nearly three-quarters of the capital and productive consumer goods required for its development causing a considerable imbalance in the balance of trade of many countries.

2. The aim of this report, which is the fourth study[1/] of its kind undertaken by ECA upon the recommendation of the Joint Conference of African Planners, Statisticians and Demographers, is to try to examine the matter further by producing a statistical balance-sheet on the local processing of raw materials for export.

3. It is in three parts. The first part considers in detail the coverage of data in the study in order to inform potential users of their limitations. The second part analyses particularly statistics on quantities of goods processed and their share in the total production of raw materials. The third part covers trends in African production and export of manufactured goods by reviewing general trends in production and exports of a number of countries, the share of manufactured goods in national exports, the composition according to final use of exports of manufactured goods and the total exports of African countries at the regional level broken down by groups of products.

1/ The first three studies covered respectively:

(a) Productivity and Development of Manufacturing Industries in Africa;

(b) The Relationship between Production and Trade in African Manufactured Goods and

(c) Production, Local Utilization and Trade in Industrial Raw Materials in Africa.

I. Data coverage

1.1 Statistics on the volume of raw materials exported or processed locally

4. Nine raw materials are covered in the second part of the study, i.e., crude oil, natural gas, iron and copper ores, natural phosphates, saw wood and veneering wood, raw tobacco, cocoa beans and sunflower seeds. The selection of these products was dictated both by their nature (agricultural or industrial) and the availability of relatively reliable data on the quantities produced and exported. On the latter point, it should also be noted that a close relationship was established for each of the raw materials selected between the International Standard Classification of all Economic Activities (ISIC) and the Standard International Trade Classification (SITC).

5. The data on production are supposed to have complete coverage. Unfortunately, the same thing does not hold true for export statistics because they do not reflect smuggling across borders. The extent of smuggling no doubt varies from country to country depending on the goods involved; available statistical series should therefore be interpreted cautiously. Moreover, the sources of data utilized did not give any information on the volume of re-exports which is considerable in some countries.

6. It was not possible either to obtain direct information on the quantities of locally processed raw materials. To partially overcome this difficulty it was assumed that there were no changes in stocks throughout the year; thus the quantities processed were obtained by finding the difference between production and exports. Nevertheless, in many cases this assumption turned out to be unsound because the balance between production and exports was negative (of course this can also happen when there are comparatively massive re-exports).

1.2 Data on the production and export of manufactured goods

7. The third part of this study covers data on the production and export of manufactures expressed in current values or in percentages. In that respect, two sets of problems should be pointed out.

8. The first problem relates to the manufactured goods considered here; they are those produced by large establishments or enterprises or generally speaking, of economic units in the modern sector. However as it has already been indicated in the previous ECA studies on manufacturing industries, the countries of the region have various ways of defining the modern sector.

sometimes the definition depends on the utilization of modern management techniques, i.e. proper modern book-keeping. In other cases this definition depends on the types of equipment, the size of the enterprise, its turnover or the amount of investments of the statistical unit. Moreover, the scope of information is sometimes restricted to the capital and its surroundings and sometimes to major urban centres.

9. The second problem relates to the limits of data on the value of exports. Apart from the shortcomings mentioned in paragraph 5, only the table on general production and export trends was prepared from a combination of ISIC and SITC data (which was made possible by reclassifying exports by their industrial origin). The other statistical series were established in relation to the SITC because all the details required (five-digit SITC indicators) to reclassify products by industrial origin were not available. Therefore those series do not include food, drinks, petroleum products and manufactured tobacco.

2. Local processing of some African raw materials

2.1 Trends in the quantities processed

10. During the period 1975-1983, the volume of crude petroleum processed locally increased from 23 per cent on the average per year in Egypt to 46.7 million metric tons in 1983. In Algeria, the volume of locally processed crude oil increased to 21 million tons in 1983 as against 3.5 million in 1975 - an average annual growth rate of 32.7 per cent. Quantities of crude oil processed in Nigeria grew from 3.5 to 7.5 million metric tons (an annual average increase of 15.7 per cent); in the Libyan Arab Jamahiriya, they increased from 2.4 to 5.9 million metric tons (a 13.2 per cent increase). Apart from Cameroon, Gabon and Angola (0.3 to 3.7 million metric tons) there were much higher relative increases in the quantities of crude petroleum processed locally in the other countries (173 to 243 per cent); the growth in volume terms was small (less than 1 million metric tons).

11. The volume of locally processed natural gas increased considerably in most of the countries varying from 0.002 to 324.5 million metric tons in the Libyan Arab Jamahiriya compared to variations of 15.7 to 8,208 million metric tons in Nigeria (87.4 per cent average annual increase), 30.6 to 1,407 million metric tons in Algeria (51 per cent) and 40.5 to 59.3 million metric tons in Egypt (an annual average increase of 115.4 per cent). The volume of locally processed natural gas declined only in the Congo and Gabon (15.7 and 5 per cent on the average per year respectively).

12. There are no accurate data on the volume of iron ore processed locally in Liberia and Mauritania, the two largest producers of iron ore in the region. It appears however that almost all the production was sold on external markets during the period under review. On the other hand, there was a sharp increase in the volume of iron ore processed locally (more than 33.3 per cent per year on the average) in Algeria with 1.4 million metric tons in 1983 as against a little less than 1 million in 1975. There was also a considerable increase in the volume of iron ore processed in Egypt (an average of 10 per cent) with 0.8 million metric tons at the beginning of the period and 1.1 million at the end of it while there was a strong downward trend in Zimbabwe in 1981/1982 (4.3 per cent for the whole period).

13. The data available also show a relatively considerable drop in the volume of locally processed copper ore in Zambia (600,000 metric tons in 1982 against 800,000 metric tons in 1975) and Zimbabwe (24,700 metric tons in 1982 as against 40,000 tons in 1975). In Zaire, on the other hand, the volume of locally processed copper ore increased slightly in 1981 over 1975 (469,900 as against 466,900 metric tons) after a considerable decline in 1979 (197,000 metric tons) and 1979 (370,400 metric tons).

14. The volume of natural phosphate processed in Morocco grew by 13.3 per cent a year to 3.3 million metric tons in 1982. In Tunisia, the volume processed grew by an average annual rate of 12.0 per cent from 1.4 to 3.1 million metric tons during the period considered. Egypt and Algeria also recorded considerable average annual increases in the quantities processed (8.9 and 41.2 per cent) which fluctuated between 87,000 and 66,500 tons. There were erratic increases in the volume of phosphates processed in Togo and Senegal with a record output of 1 million metric tons in the latter country.

15. Throughout the 1975-1983 period, there was a relative boom in the local processing of saw wood and veneering wood in Nigeria (1.5 to 5.1 million metric tons) and Ghana (1.6 to 4.1 million metric tons). The trend in the volume processed in Côte d'Ivoire, which dropped from second to the third highest producer of saw wood in 1983, was erratic and fluctuated between 2.3, 1.4, 2.8 and 1.3 million metric tons in 1975, 1976, 1978 and 1983 despite a high average annual growth in the volume processed over the whole period (14 per cent locally). Apart from Cameroon which processed over 1 million metric tons in 1981 and 1982, most of the other countries

processed a much smaller volume of saw wood and veneering wood than the three major producer countries. However, there was a considerable general upward trend in the volume processed (6 to 30 per cent on the average per year).

16. Only Côte d'Ivoire, Ghana and Nigeria processed relatively heavy quantities of cocoa beans (up to 360,000 metric tons in Côte d'Ivoire). Nevertheless, processing activities were far from systematic because of the strong fluctuation in the growth of tonnage processed.

17. Finally, at the national level, the quantities of raw tobacco and sunflower seeds processed locally hardly rose above 50,000 metric tons. In some countries (particularly Algeria, Ghana, Guinea, Mauritius, Rwanda and Uganda) they were insignificant or nil.

2.2 Share of exports and volume processed locally in the total production of raw materials

18. During the period under review, the African member countries of OPEC (Algeria, Gabon, the Libyan Arab Jamahiriya and Nigeria) processed annually 2.8 to 63.3 per cent of their crude oil output and the remainder was sold on external markets. Only Algeria processed most of its 1982 (62.6 per cent) and 1983 (63.3 per cent) production locally. In Gabon, the proportion of volume processed locally varied between 13 and 19 per cent except in 1979 when 33.3 per cent of production was processed locally. The Libyan Arab Jamahiriya devoted between 6.8 to 11.1 per cent of its crude oil production to local industries compared to 2.9 to 12.3 in Nigeria. Of the other countries, only Egypt processed an average of half of its production between 1978 and 1983.

19. On the other hand, the great majority of countries processed their entire production of natural gas locally. Out of the nine countries concerned, only two, Algeria and the Libyan Arab Jamahiriya, marketed their production abroad in varying and sometimes limited proportions (13.3 to 78.5 per cent for the Libyan Arab Jamahiriya and 32.7 to 72.7 per cent for Algeria).

20. With respect to iron ore, four countries including Egypt, Tunisia and Zimbabwe processed all or almost all their production locally. While Liberia and Mauritania seem to have sold almost all their production abroad.

21. Botswana and Morocco also sold abroad in 1979, 1980 and 1981 the bulk of their copper ore production; they processed only between 2.8 and 26 per cent of their production locally. The opposite phenomenon was observed in Namibia, Zaire, Zambia and Zimbabwe where the portion of production processed locally varied between 92.1 and 100 per cent.

22. Zimbabwe devoted all its natural phosphate production to local industries as compared to 75.4 to 26.1 per cent in Egypt, 55.7 to 76.7 per cent in Tunisia and 11.4 to 24.3 per cent in Morocco. Togo, the third highest producer of natural phosphates in the region (behind Morocco and Tunisia) sold, depending on the years, 92 to 100 per cent of the volume of phosphates processed on the external market. In Senegal on the other hand, the share of exports fell from 99.8 per cent in 1978 to 52.9 per cent in 1981.

23. Moreover an examination of the statistical series reveals that most African countries (including the biggest producers, Nigeria and Ghana) processed their entire production of saw wood and veneering wood locally. Only seven countries including Côte d'Ivoire, Cameroon, the Central African Republic, the Congo and Gabon exported a considerable proportion of their production (30 to 95 per cent).

24. The pattern of the share of the volume of raw tobacco, sunflower seeds and cocoa beans exported and processed was about the same as that of saw wood and veneering wood. It should also be noted that Cameroon and Côte d'Ivoire appear to have been the only countries in the region where processing activities were relatively important during the period under review (16.4 to 51.2 per cent of production was processed locally).

3. African production and export of manufactured goods

3.1 General trends in production and exports

25. In the 19 countries of the region on which the data required is available, manufacturing output grew by an average annual rate of about 20 per cent, compared to export growth of 15.6 per cent during the 1970-1981 period. This overall growth however conceals wide differences in production between the countries considered. The average annual growth in manufacturing production was above 30 per cent in four countries, Nigeria, Rwanda, Seychelles and Togo while it fluctuated between 24 and 29 per cent in three others (Côte d'Ivoire, the Libyan Arab Jamahiriya and Swaziland); the lowest growth rates, between 5.8 and 13.2 per cent, were recorded in the Central African Republic, Ghana, Madagascar and Mauritius. Exports rose by at least 23 per cent over 1970 in six countries, Côte d'Ivoire, Malawi, Mauritius, Swaziland, Togo and Tunisia while they declined by 1.2 to 33.3 per cent in three other countries Ethiopia, Nigeria and Somalia.

26. In 1981, the share of exports in production rose to 66.5 per cent in Kenya compared to 66 per cent in the Central African Republic, 43.5 per cent in Malawi and 23.9 per cent in Tunisia. The lowest ratios were in Ethiopia (0.2 per cent) and Nigeria (0.14 per cent).

3.2 Proportion of manufactured goods in national exports

27. From 1976 to 1982, the share of manufactured goods in exports generally varied and was low: less than 1 per cent on the average in Algeria, Ethiopia, Niger and Nigeria; it was 10.6 per cent in Benin, a little over 20 per cent in Egypt and Côte d'Ivoire, 37 per cent in Zimbabwe and 56.3 per cent in Zaire. It had a rather downward trend in Côte d'Ivoire (12 per cent in 1982 compared to 26.5 per cent at the beginning of the period considered) and in Zimbabwe (28.4 and 39.9 per cent), while the opposite trend was observed particularly in Morocco (36.1 and 16.8 per cent), Mauritius (29.4 and 19.2 per cent), Tunisia (33.6 and 27 per cent) and Zaire 49.4 and 56.1 per cent).

3.3 Composition according to final use of exports of manufactured goods

28. During the 1970-1981 period, African exports of manufactured goods were made up on the average of 49 per cent of "other goods" which included food, drinks, manufactured tobacco, petroleum-derived products and animal or vegetable oils. Supplies and intermediate goods accounted for 40 per cent of total transactions. The share of non-durable consumer goods rose to 6 per cent compared to only 5 per cent for durable capital and consumer goods.

3.4 Regional exports of manufactured goods

29. The total value of regional exports of manufactured goods was $US5.2 billion in 1981 as against $US2.5 billion in 1970 which corresponds to an average annual growth rate of about 7.8 per cent. Over the whole period, the various groups of products considered (chemicals, transport machines and equipment, threads and fabrics, non-ferrous metals and other manufactured goods) grew by between 3.6 per cent (non-ferrous metals) and 22.6 per cent (chemicals) of their exports.

30. With exception of 1974, ferrous metals remained throughout the period under review the main component of exports despite a

considerable decline in its relative proportion (33.1 per cent in 1971 compared to 66.5 per cent in 1970). The share of the group of articles including particularly drinks, textiles and wood products increased from 16.2 per cent in 1970 to 30.8 per cent in 1971 after rising to 31.5 and 40.4 per cent in 1972 and 1973 respectively. Finally, chemicals accounted for 19.6 per cent of regional exports in 1971 as against only 5.2 per cent in 1970 while the share of transport machines and equipment varied between 2.4 and 3 per cent and that of threads and fabrics fluctuated between 7.6 and 10.5 per cent.

CONCLUSION

31. As the recent ECA study on the production, local utilization and trade in raw materials in the region has already showed, Africa should lay greater emphasis on the processing of its natural resources if it wants to build its economy on a healthy foundation and promote a rapid and long lasting development of the standard of living of its population.

32. Despite the marked decline in world prices, most African countries have heavy exports of commodities that are of strategic importance to the industrial development process; they are then obliged to procure sophisticated manufactured goods from abroad at exorbitant prices. This particular trend explains to a large extent the constant worsening in the terms of trade which characterises economic relations between Africa and the industrialized world. Even if the countries of the region cannot completely wipe out the considerable deficit in the balance of trade by processing locally the bulk of the major minerals they have, namely crude oil, iron and copper ores, natural phosphates, coffee, cocoa and cotton, there is no doubt that a significant growth in the manufacturing sector will have very positive spinoffs for their overall economic and social situation.

33. However, since the small size of national markets could constitute a major obstacle to the smooth operation of some industries likely to provide a high growth potential (processing of metal and production of capital goods), the establishment of such industries should be considered, if need be, within the framework of a subregional industrialization policy.

Table 1/Tableau 1. Amount of Crude Petroleum Locally Processed/Quantité de pétrole brut traité localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates (%) Taux de Croissance (%) 1975 - 83
Algeria - Algérie	3483.	5328.	4243.	6527.	6200.	14134.	12779.	20070.	21000.	32.69
Angola	791.	679.	927.	169.	700.	1224.	1300.	1110.	1504.	44.59
Cameroon - Cameroun	...	...	...	...	257.	1030.	2566.	2078.	3650.	104.60
Congo	...	321.	639.	850.	1000.	68.	182.	81.	205.	47.00
Egypt - Egypte	6504.	10100.	20100.	20130.	20750.	21393.	22217.	25714.	26720.	43.02
Gabon	657.	734.	1100.	1820.	3500.	1208.	1300.	1650.	1200.	20.14
Ghana	...	...	...	20.	300.	9.	63.	39.	70.	243.05
Libyan Arab Jamahiriya - Jamah. arabe libyenne	2350.	4207.	5016.	5041.	3100.	6524.	7489.	7210.	5300.	16.23
Morocco - Maroc	20.	9.	22.	24.	19.	14.	19.	15.	16.	-4.74
Nigeria - Nigéria	3532.	3084.	2711.	4104.	3500.	7430.	6800.	6900.	7500.	15.73
Tunisia - Tunisie	...	23.	159.	270.	301.	1018.	416.	1398.	1350.	154.70
Zaire - Zaire	26.	201.	83.	15.	130.	170.	258.	360.	348.	214.22

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 2/Tableau 2. Amount of Natural Gas Locally Processed/ Quantité de gaz naturel traitée localement

In thousand metric tons - En milliers de tonnes métrique

Country /Pays	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates (%) (a) / Taux de Croissance (%) (a) 1975 - 83
Algeria - Algérie	90619.	123302.	73200.	496433.	364203.	517933.	226981.	145076.	140700.	31.47
Angola	2537.	2209.	2760.	2760.	2760.	3000.	3500.	3500.	4000.	6.46
Congo	654.	653.	366.	67.	-	1	-	-	-	-15.70
Egypt - Egypte	1793.	14336.	20567.	40309.	61254.	40530.	53438.	58222.	59320.	113.33
Gabon	10224.	6594.	6908.	7110.	8000.	5924.	8000.	9000.	9000.	-3.00
Libyan Arab Jamahiriya - Jamah. arabe libyenne	2.	-	2.	39587.	30000.	47119.	68035.	357715.	324800.	247469.34
Morocco - Maroc	2960.	3341.	2704.	3297.	2942.	2630.	3705.	3028.	3130.	2.54
Nigeria - Nigéria	15688.	24661.	19511.	101131.	51274.	51700.	200000.	200000.	220000.	67.38
Tunisia - Tunisie	9073.	10032.	10781.	13407.	15474.	16640.	18196.	19267.	17540.	7.83

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 3/Tableau 3 : Amount of Iron-Bearing Ores Locally processed/Quantité de minerais ferrifères traités localement

In thousand metric tons - En milliers de tonnes métriques

Country /Pays	1975	1976	1977	1978	1979	1980	1981	1982	Growth rates (%) Taux de Croissance (%) 1975 - 82
Algeria - Algérie	978.	667.	948.	737.	309.	1168.	1097.	1381.	38.41
Egypt - Egypte	560.	621.	704.	765.	717.	838.	972.	1070.	10.01
Sierra Leone	44.	-	-	-	-	-	-	41.	-0.90
Swaziland	159.	112.	29.	28.	116.	-114.	-	-	1.47
Tunisia - Tunisie	163.	214.	150.	171.	213.	211.	212.	147.	1.26
Zimbabwe	797.	812.	706.	674.	721.	973.	550.	500.	-4.31

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 4./Tableau 4: Amount of Copper-Bearing Ores Locally Processed/Quantité de minerais traitée localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	Growth rates (%) Taux de Croissance (% 1975 - 82
Algeria - Algérie	0.2	0.2	0.1	-	-	-	-	-	-7.14
Botswana.....	1.5	0.5	...	...	3.8	...	0.5	0.9	...
Congo	...	...	0.5	0.1	1.0	1.2	6.1	3.3	...
Mauritania - Mauritanie	9.7	2.3	0.6	-1.0	-	-	-	-	-59.55
Morocco - Maroc	0.8	0.6	...	...	...	0.7	...	...	...
Namibia	35.0	44.0	49.0	36.0	42.0	33.0	44.0	49.0	6.03
Zaire	466.8	407.5	411.2	440.0	378.4	424.7	459.9	...	...
Zambia - Zambie	806.0	850.0	819.0	767.0	724.0	714.0	733.0	698.0	-2.00
Zimbabwe	40.0	41.0	35.0	33.8	25.7	26.9	24.6	24.7	-8.91

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 5/Tableau 5: Amount of Phosphate Rock Locally Processed/Quantité de phosphates naturels traités localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	Growth rates (%) Taux de Croissance (%) 1975 - 82
Algeria - Algérie	494.	252.	279.	378.	223.	218.	67.	242.	-21.19
Egypt - Egypte	339.	317.	504.	578.	556.	634.	665.	533.	8.52
Morocco - Maroc	436.	309.	1244.	2434.	2308.	2497.	4081.	3778.	43.31
Senegal - Sénégal	354.	114.	8.	4.	334.	209.	1089.	...	...
Togo	35.	235.	147.	25.	224.	114.	32.	...	...
Tunisia - Tunisie	1427.	1332.	1518.	2090.	2524.	3265.	3535.	3056.	12.34
Uganda - Ouganda.....	15.	15.	5.	5.	-	-	-	-	-9.52
Zimbabwe	130.	130.	140.	140.	130.	130.	125.	120.	-1.04

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 6/Tableau 6: Amount of Sawlogs and Veneer Logs Locally Processed/Quantité de bois de sciage et de placage traitée localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates (%) Taux de Croissance 1975 - 83
Algeria - Algérie	20.	20.	20.	20.	20.	20.	20.	20.	20.	0.00
Angola	556.	556.	556.	556.	556.	556.	556.	556.	556.	0.00
Benin - Bénin	15.	15.	24.	24.	24.	24.	24.	24.	24.	7.50
Burkina Faso	2.	2.	2.	2.	2.	3.	4.	5.	5.	13.54
Burundi	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.00
Cameroon, - Cameroun	529.	601.	933.	949.	784.	872.	1035.	1003.	699.	6.62
Central Africa Rep. - Rep.- Centrafricaine	238.	314.	194.	259.	169.	188.	217.	206.	206.	1.76
Congo	193.	256.	259.	294.	303.	322.	306.	315.	345.	7.27
Equatorial Guinea - Guinée-équatoriale	32.	32.	34.	34.	34.	34.	28.	35.	30.	-.09
Ethiopia - Ethiopie	195.	195.	195.	195.	195.	195.	195.	195.	195.	0.00
Gabon	363.	0.	...	...	...	168.	293.	60.	136.	...
Gambia - Gambie	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.00
Ghana	1636.	1094.	873.	1826.	1940.	2033.	2084.	2085.	2078.	3.53
Guinea - Guinée	180.	180.	180.	180.	180.	180.	180.	180.	180.	0.00
Guinea-Bissau - Guinée-Bissau	40.	40.	40.	40.	40.	40.	40.	40.	40.	0.00
Côte d'Ivoire	2010.	1393.	741.	2240.	2113.	1515.	2637.	2561.	1774.	14.04
Kenya	309.	285.	277.	396.	419.	460.	488.	539.	447.	5.93
Liberia - Libéria	304.	-104.	107.	294.	306.	124.	501.	515.	221.	57.07
Libyan Arab Jamahiriya - Jamah. arabe libyenne	15.	18.	42.	63.	63.	63.	63.	63.	63.	25.42
Madagascar	244.	109.	349.	203.	468.	468.	468.	468.	468.	31.70
Malawi	101.	101.	84.	85.	85.	85.	85	143.	130.	5.44
Mali	7.	6.	11.	13.	10.	10.	7.	11.	9.	9.14
Mauritania - Mauritanie	1.	1.	1.	1.	1.	1.	1.	1.	1.	.00
Mauritius - Maurice	9.	3.	11.	14.	8.	13.	20.	14.	9.	29.38
Morocco - Maroc	106.	73.	85.	73.	67.	48.	67.	66.	66.	-3.04
Mozambique	317.	317.	317.	318.	201.	176.	177.	187.	261.	-.39
Nigeria - Nigéria	1540.	1123.	2185.	2185.	2185.	3559.	3946.	5071.	5071.	21.22
Rwanda	10.	10.	10.	10.	15.	16.	16.	17.	17.	7.86
Sao Tome & Principe - Sao Tome-et-Principe	5.	5.	5.	5.	5.	5.	5.	5.	6.	2.50

Table 6/Tableau 6: Amount of Sawlogs and Veneer Logs Locally Processed/Quantité de bois de sciage et de placage traitée localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates(%) Taux de Croissance (%) 1976 - 83
Senegal - Sénégal	13.	15.	6.	5.	3.	14.	20.	23.	20	17.44
Sierra Leone	41.	34.	33.	34.	33.	37.	76.	33.	41.	14.59
Somalia - Somalie	30.	20.	23.	28.	28.	23.	26.	28.	25.	.83
Sudan - Soudan	93.	30.	35.	41.	41.	31.	41.	41.	41.	-4.24
Swaziland	249.	254.	330.	330.	332.	33[illegible]	[illegible]	385.	318.	24.35
Togo	17.	16.	18.	16.	16.	16.	16.	16.	14.	.68
Tunisia - Tunisie	8.	4.	10.	3.	6.	6.	8.	3.	2.	5.83
Uganda - Ouganda	102.	132.	98.	106.	106.	106.	106.	106.	106.	-3.92
United Rep. of Tanzania - Rep. Un. de Tanzanie	261.	193.	143.	147.	154.	180.	15[illegible]	280.	275.	5.05
Zaire - Zaire	304.	222.	246.	260.	265.	271.	279.	279.	279.	-.40
Zambia - Zambie	41.	41.	142.	141.	133.	135.	130.	133.	133.	30.00
Zimbabwe	235.	252	232.	232.	303.	324.	304	401.	486.	10.58

Source: FAO Statistics Division
Division de la Statistique de la CEA

Table 7/Tableau 7: Amount of Tobacco, Unmanufactured Locally Processed/Quantité de tabac brut traité localement

In thousand metric tons - En milliers de tonnes métriques

Country/Pays	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates (%) Taux de Croissance (%) 1975 - 83
Algeria - Algérie	3.	2.	2.	3.	3.	3.	5.	4.	4.	7.92
Angola	5.	5.	1.	1.	1.	1.	1.	1.	3.	15.00
Benin - Bénin	-	1.	...	-	1.	2.	2.	3.	-	...
Burkina Faso	1.	1.	1.	1.	1.	1.	1.	1.	1.	.00
Burundi	2.	2.	2.	2.	2.	2.	2.	2.	2.	.00
Cameroon, Un. Rep. of - Cameroun, Rép. Un.	-	1.	1.	1.	1.	1.	2.	1.	1.	6.25
Central African Rep. - Rép.Centrafricaine	1.	1.	2.	1.	1.	-	1.	1.	1.	6.25
Congo	-	-	1.	-	1.	-	1.	1.	-	.00
Ethiopia - Ethiopie	3.	3.	3.	3.	3.	3.	3.	3.	3.	.00
Ghana	2.	2.	1.	1.	1.	-	1.	1.	1.	-6.25
Guinea - Guinée	1.	1.	1.	1.	1.	2.	2.	2.	2.	12.50
Côte d'Ivoire	2.	2	2.	2.	2.	2.	2.	2.	2.	.00
Kenya	-	1.	2.	2.	2.	3.	4.	4.	5.	26.04
Libyan Arab Jamah. - Jamah.arabe libyenne	1.	1.	2.	1.	1.	1.	1.	1.	1.	0.25
Madagascar	3.	4.	3.	2.	4.	5.	3.	5.	2.	8.33
Malawi	5.	3.	14.	11.	...	...	13.	11.	23.	...
Mauritius - Maurice	1.	1.	1.	1.	1.	1.	1.	1.	1.	.00
Morocco - Maroc	5.	6.	5.	6.	7.	8.	6.	10.	10.	11.99
Mozambique	3.	3.	...	...	3.	3.	3.	3.	3.	...
Niger	1.	-	-	-	1.	1.	-	1.	1.	.00
Nigeria - Nigéria	18.	14.	10.	12.	12.	15.	15.	15.	15.	-.72
Rwanda	2.	2.	2.	2.	2.	2.	2.	2.	3.	6.25
Sierra Leone	-	-	-	1.	1.	1.	1.	1.	1.	.00
Togo	2.	2.	2.	2.	2.	2.	2.	2.	2.	.00
Tunisia - Tunisie	3.	3.	3.	4.	4.	2.	6.	5.	6.	16.04
Uganda - Ouganda	3.	2.	6.	1.	3.	3.	3.	3.	2.	31.25
United Rep. of Tanzania - Rép.Un. de Tanzanie	8.	8.	2.	6.	10.	10.	5.	1.	11.	132.71
Zaire - Zaire	7.	7.	7.	6.	6.	5.	5.	6.	9.	4.08
Zambia - Zambie	2.	1.	3.	2.	3.	2.	3.	4.	1.	17.71
Zimbabwe	31.	38.	20.	9.	54.	32.	...	...	14.	54.73

Source: ECA Statistics Division/Division de la Statistique de la CEA

Table 8: Amount of cocoa beans locally processed

Tableau 8: Quantité de fèves de cacao traitée localement

In thousand metric tons-En milliers de tonnes métriques

Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates/Taux de croissance 1975-83 (%)
Angola	1.	-	-	-	-	-	-	-	-	...
Cameroon, Un. Rep. of - Cameroun, Rep. Unie de	23.	14.	54.	49.	63.	39.	32.	51.	38.	28.02
Congo	1.	-	1.	2.	2.	4.	4.	4.	2.	...
Equatorial Guinea - Guinee-equatoriale	--	...	1.	...	-	2.	1.	1.	9.	...
Gabon	1.	-	-4.	3	1.	4.	1.	1.	-	...
Ghana	74.	...	7.	42.	296.	250.	230.	230.	160.	...
Guinea - Guinee	3.	4.	4.	4.	4.	4.	4.	4.	4.	4.17
Ivory Coast - Côte d'Ivoire	57.	33.	138.	75.	208.	116.	7.	64.	360.	193.29
Liberia	-	-	-	-	-	-	-	5.	6.	2.50
Madagascar	-	-	...	1.	2.	2.	2.	.2.	.2.	37.50
Nigeria	20.	...	34.	...	46.	155.	160.	175.	123.	...
Sao Tomé & Principe - Sao Tomé-et-Principe	8.	6.	6.	8.	8	9.	8.	8.	5.	-3.47
Togo	2.	4.	...	...	4.	1.	....	6.	...	...
United Rep. of Tanzania - Rep. Unie de Tanzanie	-	-	-	-	-	1.	2.	2.	1.	6.25
Zaire - Zaire	-	1.	1.	1.	4.	3.	4.	4.	6.	44.79

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 9: Amount of sun flower seed locally processed
Tableau 9: Quantité de graines de tournesol traitée localement

In thousand metric tons-En milliers de tonnes métriques

Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	Growth rates % / Taux de croissance (%) 1975-83
Algeria - Algérie	1.	-	-	-	-	-	-	-	-	...
Angola	10.	10.	10.	10.	10.	10.	10.	11.	1.	.11
Botswana	-	1.	-	-	1.	1.	1.	1.	1.	.00
Egypt - Egypte	12.	12.	10.	3.	12.	7.	6.	9.	9.	25.92
Kenya	5.	6.	10.	11.	13.	13.	11.	14.	14.	15.84
Malawi	1.	1.	...	1.	-	1.	3.	2.	2.	...
Morocco - Maroc	16.	16.	19.	16.	40.	18.	20.	20.	16.	11.13
Mozambique	7.	9.	10.	11.	22.	21.	19.	19.	20.	17.61
Tunisia - Tunisie	1.	1.	1.	1.	2.	2.	2.	2.	2.	12.50
Uganda - Ouganda	2.	2.	2.	2.	2.	2.	2.	2.	2.	.00
United Reo. of Tanzania - Rep. Unie de Tan.	27.	30.	54.	55.	31.	40.	40.	43.	42.	10.44
Zambia - Zambie	10.	13.	13.	11.	13.	20.	20	20.	30.	17.08
Zimbabwe	11.	23.	22.	28.	11.	14.	11.	9.	4.	.43

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 10: Share of exports and amout locally processed in total production of crude petroleum

Tableau 10: Parts des exportations en des quantitées traitées localement dans la production de pétrole brut

Percentage/Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed - Quantiteé traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	87.91	88.45	70.15	65.41	40.16	33.52	...	6.33	24.64	40.36	62.61	63.32
Angola	97.39	90.28	83.52	81.84	82.68	81.89	2.61	9.72	16.48	18.16	17.32	18.11
Cameroon - Cameroun	123.76	87.18	59.70	35.85	39.41	44.77	...	3.74	31.11	59.63	60.42	57.06
Congo	73.47	66.67	97.85	95.75	98.19	96.18	10.20	20.00	0.09	0.05	0.02	0.09
Egypt - Egypte	17.50	17.33	27.23	24.44	21.54	25.69	47.66	45.93	48.46	52.71	53.34	52.06
Gabon	82.83	66.67	86.42	82.89	78.70	84.85	17.17	33.33	13.58	17.11	18.71	15.15
Libyan Arab Jamahiriya - Jamah. Arabe Libyenne	93.79	91.97	92.61	87.25	86.98	88.76	6.75	7.87	6.95	9.61	10.29	11.05
Morocco - Maroc	...	...	...	...	...	...	...	...	...	...	...	37.50
Nigeria - Nigéria	95.67	96.94	92.87	90.45	89.18	87.74	2.78	2.01	6.04	9.55	11.60	12.26
Tunsia - Tunisie	94.54	94.56	81.91	92.31	72.83	75.80	1.70	2.01	8.23	3.48	21.55	20.80
Zaire - Zaire	98.69	87.62	83.38	75.38	68.56	69.69	5.68	12.38	16.62	25.57	28.38	29.62

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 11: Share of exports and amount locally processed in total production of natural gas

Tableau 11: Parts des exportations et des quantités traitées localement dans la production de gaz naturel

Percentage - Pourcentage

Countries/Pays	Exports - Exportations						Amount Locally processed/ Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algéria	32.74	40.06	31.77	55.07	71.83	72.72	67.26	59.94	68.23	44.93	28.17	27.28
Angola	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Congo	-	-	-	-	-	-	100.00	-	100.00	-	-	-
Egypt - Egypte	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Gabon	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Libuan Arab Jamahiriya- Jamah. Arab Libyenne	78.47	83.62	64.94	35.25	13.34	15.60	21.53	16.38	35.06	64.75	86.66	84.40
Morocco - Maroc	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Nigeria - Nigéria	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Tunisia - Tunisie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00

Source: ECA Statistics Division
Division de la Statistique de la CEA.

Table 12: Share of exports and amount locally processed in total production of iron-bearing ores
Tableau 12: Parts des exportations et des quantités traitées localement dans la production de minerais ferrifères

Percentage-Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed/ Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	50.44	80.10	37.44	40.70	34.33	...	49.56	19.90	62.56	59.30	65.67	...
Angola	...	...	...	...	...	...	...	...	...	...	...	...
Egypt - Egypte	-	-	-	-	-	...	100.00	100.00	100.00	100.00	100.00	...
Liberia - Libéria	...	...	96.69	...	99.98	...	...	...	2.31	...	0.22	...
Mauritania - Mauritanie	95.37	...	...	...	...	...	4.63	...	...	...	...	...
Morocco - Maroc	63.89	...	...	10.34	-	...	36.11	...	...	89.66	100.00	...
Sierra Leone	...	...	...	...	...	...	...	...	...	...	100.00	...
Swaziland	96.49	62.70	...	...	...	...	3.51	37.30	...	...	...	...
Tunisia - Tunisie	7.57	-	-	-	-	-	92.43	100.00	100.0	100.00	100.00	...
Zaimbabwe	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	...

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 13: Share of exports and amount locally processed in total production of copper-bearning ores

Tableau 13: Parts des exportations et des quantités traitées localement dans la production de minerais cuprifères

Percentage-Pourcents

Countries/Pays	Exports - Exportations						Amount locally processed/ Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	...	...	...	...	...	...	...	...	...	...	...	...
Botswana	...	73.97	...	97.19	...	...	...	...	...	2.81	...	...
Congo	83.33	21.74	52.00	31.17	2.94	...	16.67	78.26	48.00	96.83	97.06	...
Mauritania - Mauritanie	...	...	...	...	...	...	...	...	...	...	...	...
Morocco - Maroc	...	...	89.55	...	...	...	...	...	10.45	...	...	...
Namibia - Namibie	-	-	-	-	-	...	100.00	100.00	100.00	100.00	100.00	...
Zaire - Zaire	6.88	7.40	7.47	6.95	...	...	93.12	92.60	92.53	93.05	...	...
Zambia - Zambie	-	-	-	-	-	...	100.00	100.00	100.00	100.00	100.00	...
Zimbabwe	-	-	-	-	-	...	100.00	100.00	100.00	100.00	100.00	...

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 14: Share of exports and amount locally processed in total production of phosphate rock

Tableau 14: Parts des exportations et des quantités traitées localement dans la production de phosphates naturels

Percentage-Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed/ Quantité traitée localement				
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	62.09	79.39	78.78	92.24	74.53	...	37.91	20.61	21.22	7.76	25.61	...
Egypt - Egypte	9.98	13.80	3.99	7.75	24.63	...	90.02	86.20	96.05	92.25	75.37	...
Morocco - Maroc	87.65	88.56	87.80	79.38	78.72	...	12.35	11.44	12.20	20.62	21.28	...
Senegal - Sénégal	99.78	81.80	87.37	52.93	...	...	0.22	18.20	12.63	47.07	...	...
Togo	99.11	92.32	96.11	98.58	100.00	...	0.89	7.68	3.89	1.42	0.00	...
Tunisia - Tunisie	44.31	37.52	28.74	23.10	27.16	...	55.69	62.48	71.26	76.90	72.84	...
Zimbabwe	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	...

Source: ECA Statistics Division
Division de la Statistique de la CEA

Table 15. Share of exports and amount locally processed in total production of sawlogs and veneer logs
Tableau 15. Parts des exportations et des quantités traitées localement dans la production de bois de sciage et de placage

Percentage - Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed - Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Angola	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Benin - Bénin	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Burkina Faso	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Burundi	40.80	51.81	45.94	39.12	41.00	46.22	59.20	48.19	54.06	60.88	59.00	53.78
Cameroon - Cameroun	30.00	42.52	42.15	35.61	29.21	29.21	70.00	57.48	57.85	64.39	70.79	70.79
Central Afr. Rep. - Centrafricaine	36.23	36.34	46.60	41.94	39.07	36.58	63.77	63.66	53.40	58.06	60.93	63.42
Congo	32.00	32.00	32.00	44.00	30.00	40.00	68.00	68.00	68.00	56.00	70.00	60.00
Equatorial Guinea - Guinée equatoriale	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Ethiopia - Ethiopie	...	...	86.70	76.80	95.24	90.19	...	...	13.30	23.20	4.76	9.81
Gabon	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Gambia - Gambie	14.59	9.26	4.91	2.53	2.48	2.90	85.41	90.74	95.09	97.47	97.52	97.10
Ghana	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Guinea - Guinée	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Guinea-Bissau - Guinée-Bissau	54.57	60.22	66.92	47.05	47.14	56.31	45.43	39.78	33.08	52.95	52.86	43.69
Ivory Coast - Côte d'Ivoire	-	0.48	-	-	-	-	100.00	99.52	100.00	100.00	100.00	100.00
Kenya	51.40	50.19	79.30	33.73	30.87	51.00	48.60	49.81	20.70	66.27	69.13	49.00
Libria - Libéria	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Libyan Arab Jamah. - Jamah. arabe Libyenne	0.49	-	-	-	-	..	99.51	100.00	100.00	100.00	100.00	100.00
Madagascar	-	-	-	-	-	..	100.00	100.00	100.00	100.00	100.00	100.00
Malawi	-	-	-	-	-	..	100.00	100.00	100.00	100.00	100.00	100.00
Mali	-	-	-	-	-	..	100.00	100.00	100.00	100.00	100.00	100.00
Mauritania - Mauritanie	-	-	-	-	-	..	100.00	100.00	100.00	100.00	100.00	100.00
Morocco - Maroc	-	-	-	-	-	..	100.00	100.00	100.00	100.00	100.00	100.00
Mozambique	2.15	4.74	5.88	4.32	2.60	0.38	97.85	95.26	94.12	95.68	97.40	99.62
Nigeria - Nigéria	0.46	0.46	0.28	0.25	0.20	0.20	99.54	99.54	99.72	99.75	99.80	99.80
Rwanda	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Sao Tome & Principe - Sao Tome-et-principe	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Senegal - Sénégal	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00

Table 15. Share of exports and amount locally processed in total production of sawlogs and veneer logs

Tableau 15. Parts des exportations et des quantités traitées localement dals la production de bois de sciage et de placage

Countries/Pays	Exports - Exportations						Amount locally processed / Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Sierra Leone	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Sudan - Soudan	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Swaziland	0.60	-	-	-	-	-	59.40	100.00	100.00	100.00	100.00	100.00
Togo	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Tunisia - Tunisie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Uganda - Ouganda	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
United Rep. Tanzania - Rép Unie de Tanzania	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Zaire -Zaire	14.19	15.84	19.58	17.21	17.21	17.21	85.81	84.16	80.42	82.79	82.79	82.79
Zambia - Zambie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Zimbabwe	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00

Source: ECA Statistics Division

Division de la statistique de la CEA

Table 16. Share of exports and amount locally processed in total production unmanufactured tobacco
Tableau 16. Parts des exportations et des quantités traitées localement dans la production de tabac brut

Percentage - Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed - Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Algeria - Algérie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Angola	66.67	66.67	66.67	66.67	66.67	-	33.33	33.33	33.33	33.33	33.33	100.00
Benin - Bénin	...	-	-	-	-	...	...	100.00	100.00	100.00	100.00	...
Burkina Faso	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Burundi	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Cameroon - Cameroun	66.67	66.67	66.67	33.33	66.67	50.00	33.33	33.33	33.33	66.67	33.33	50.00
Central Afri. Rep. - Rép. Centrafricaine	50.00	50.00	...	-	-	-	50.00	50.00	...	100.00	100.00	100.00
Congo	...	-	...	-	-	...	...	100.00	...	100.00	100.00	...
Ethiopia - Ethiopie	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Ghana	-	-	...	-	-	-	100.00	100.00	...	100.00	100.00	100.00
Guinea - Guinée	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Ivory Coast - Côte d'Ivoire	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Kenya	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Libyan Arab Jamah. - Jamah. arabe/libyenne	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Madagascar	33.33	-	-	-	-	-	66.67	100.00	100.00	100.00	100.00	100.00
Malawi	78.85	101.85	103.39	75.00	80.00	61.11	21.25	-1.85	- 3.39	25.00	20.00	38.89
Mauritius - Maurice	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Morocco - Maroc	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Mozambique	133.33	-	-	-	-	-	-33.33	100.00	100.00	100.00	100.00	100.00
Niger	...	-	..	...	-	-	...	100.00	100.00	...	100.00	100.00
Nigeria - Nigéria	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Rwanda	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Sierra Leone	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Togo	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Tunisia - Tunisie	20.00	-	50.00	33.33	16.67	-	80.00	100.00	50.00	66.67	83.33	100.00
Uganda - Ouganda	66.67	-	-	-	-	-	33.33	100.00	100.00	100.00	100.00	100.00
United Rep. Tanzania - Rép Unie de Tanzanie	64.71	41.18	44.44	68.75	63.75	-	35.29	58.82	55.56	31.25	6.25	100.00
Zaire - Zaïre	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Zambia - Zambie	50.00	40.00	60.00	25.00	20.00	66.67	50.00	60.00	40.00	75.00	80.00	33.33
Zimbabwe	89.41	52.63	74.40	184.29	107.50	85.71	10.59	47.37	25.60	-84.29	-7.50	14.29

Source:- ECA Statistics Division estimates
Division de la statistique de la CEA

Table 17. Share of exports and amount locally processed in total production of cocoa beans
Tableau 17. Parts des exportations et des quantités traitées localement dans la production de fèves de cacao

Percentage - Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed - Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Cameroon - Cameroun	55.86	48.78	67.50	72.17	57.50	74.07	44.14	51.22	32.50	27.83	42.50	25.93
Congo	33.33	33.33	-	-	-	-	66.67	66.67	100.00	100.00	100.00	100.00
Equatorial Guinea - Guinée-équatoriale	...	...	75.00	87.50	87.50		...	...	25.00	12.50	12.50	100.00
Gabon	25.00	75.00	-	75.00	75.00	...	75.00	25.00	100.00	25.00	25.00	...
Ghana	83.53	-	-	-	-	-	16.47	100.00	100.00	100.00	100.00	100.00
Guinea - Guinée	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Ivory Coast - Côte d'Ivoire	76.49	45.12	71.00	...	83.59	...	23.51	54.88	29.00	...	16.41	...
Liberia - Libéria	...	...	...	...	-	-	...	...	...	...	100.00	100.00
Madagascar	50.00	-	-	-	-	-	50.00	100.00	100.00	100.00	100.00	100.00
Nigeria - Nigéria	...	71.25	-	-	-	-	...	28.75	100.00	100.00	100.00	100.00
Sao Tome & Principe - Sao Tomé-et-Principe	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Sierra Leone	42.86	...	...	14.29	50.00	...	57.14	...	...	...	50.00	
Togo	...	71.43	93.75	...	62.50	836.36	...	28.57	6.25	...	37.50	-736.36
United Rep.Tanzania-Rép.Unie de Tanzanie	...	...	50.00	33.33	33.33	-	...	...	50.00	66.67	66.67	100.00
Zaire - Zaïre	75.00	-	-	-	-	-	25.00	100.00	100.00	100.00	100.00	100.00

Source: ECA Statistics Division estimates
Division de la Statistique de la CEA

Table 18. Share of exports and amount locally processed in total production on flower seed
Tableau 18. Parts des exportations et des quantités traitées localement dans la production de graines de tournesol

Percentage - Pourcentage

Countries/Pays	Exports - Exportations						Amount locally processed - Quantité traitée localement					
	1978	1979	1980	1981	1982	1983	1978	1979	1980	1981	1982	1983
Angola	-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Botswana	...	-	-	-	-	-	...	100.00	100.00	100.00	100.00	100.00
Egypt-Egypte	57.14	14.29	22.22	33.33	10.00	10.00	42.86	85.71	77.78	66.67	90.00	90.00
Kenya	21.43	13.33	13.33	26.67	12.50	17.65	78.57	86.67	86.67	73.33	87.50	82.35
Malawi	...	66.67	...	75.00	25.00	50.00	50.00	33.33	...	25.00	75.00	50.00	50.00
Morocco - Maroc		-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Mozambique		-	-	4.55	5.00	5.00	-	100.00	100.00	95.45	95.00	95.00	100.00
Tunisia - Tunisie		-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Uganda - Ouganda		-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
United Rep. Tanzania - Rép Unie de Tanzanie		6.78	-	-	-	-	-	93.22	100.00	100.00	100.00	100.00	100.00
Zambia - Zambie		-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00
Zimbabwe		-	-	-	-	-	-	100.00	100.00	100.00	100.00	100.00	100.00

SOURCE: ECA Statistics Division estimates.
Division de la statistique de la CEA

Table 19. Trends in Total Production and Exports of manufactured goods in selected African countries 1/
Tableau 19. Tendances générales de la production et exportations d'articles manufacturés de quelques pays africaines
In million US dollars - En millions de dollars EU.

Countries/Pays	Production				Exports - Exportations				Ratio of exports to production / Ratio entre les exportations et la production (o/o)	
	1970	1975	1981	Growth rate Taux de croissance (o/o) 2/	1970	1975	1981	Growth rate Taux de Croissance (o/o) 2/	1975	1981
Central African Republic - République Centrafricaine	44*	62	47*	5.86	14	11	31*	8.23	17.7	66.0*
Egypt - Egypte	2542	5632	13690*	16.57	207	279	415	6.44	4.9	3.0*
Ethiopia - Ethiopie	218	436	1106	16.56	6	15	2*	-1.83	3.4	0.2*
Gambia - Gambie	7*	16*	39	17.72	...	...	...	...	...	...
Ghana	432	944*	2324	9.40	41*	40	128	16.39	4.2*	5.5
Ivory Coast - Côte d'Ivoire	362*	1405	5100*	27.47	30	134	251	23.41	9.5	4.9*
Kenya	24	72	173	17.40	28*	75	149	15.82	104.2	86.1
Libyan Arab Jamah.-Jamah arabe libyenne	94	374	1553*	29.34	...	...	...	...	...	...
Madagascar	155	354	618*	13.15	11	12	25	17.64	3.4	3.9*
Malawi	82	213	673*	21.13	5	6	30	28.70	2.8	4.5*
Mauritius - Maurice	95	402	663	9.73	9*	36	121	30.79	9.0	18.3
Nigeria - Nigéria	593	2328	16730*	32.67	71*	50	57*	-1.29	2.1	0.4*
Rwanda	22	34	293*	30.62	...	...	...	...	....	...
Seychelles	3*	5*	19	32.64	- *	1*	1	16.67	20.0*	4.2
Somalia - Somalie	43	59	176*	20.65	2	2*	1*	-33.33	3.4*	0.6*
Swaziland	48	126*	430	24.10	9*	15	98	32.13	11.9*	22.8
Togo	9	64	185*	33.85	3	7	32	44.34	10.9	17.3*
Tunisia - Tunisie	509	1397	3536	19.74	41	177	844	32.43	12.7	23.9
Zambia - Zambie	435	1113*	3439*	20.69	1095*	784	1495*	5.79	70.4	43.5*
Zimbabwe	899	2289	4181	15.87	222	317	432	5.97	13.8	10.4

Source: ECA Statistics Division Database.
Source: Banque de données de la Division de la Statistique de la CEA

1/ Data on production refer to large establishments only - Les données sur la production concernent les grands établissements seulement.

2/ Average annual growth rates - Taux de croissance annuel moyens.

Tableau 20. Part des articles manufacturés dans les exportations nationales 1/

Percentage - Pourcentage

Countries/ Pays	1976	1977	1978	1979	1980	1981	1982	Annual Average Moyenne annuelle
Algeria - Algérie	0.9	0.8	0.8	0.5	0.5	0.6	0.7	0.69
Angola	10.3	10.8	10.6	10.7	10.6	10.7	10.7	10.63
Benin - Bénin	7.9	14.6	...	...	...	...	...	3.21
Burkina Faso	5.6	5.5	7.0	13.0	11.1	14.7	...	8.13
Burundi	1.6	...	...	...	...	...	...	0.23
Cameroon - Cameroun	15.5	8.2	6.0	11.0	5.3	11.1	9.4	9.50
Central African Rep. - Rép. Centrafricaine	17.2	22.9	...	43.8	25.0	...	...	15.56
Congo	13.2	16.8	31.9	7.6	6.7	...	...	10.89
Djibouti	43.8	44.4	44.4	9.1	...	...	...	20.24
Egypt - Egypte	26.5	26.9	29.5	22.7	11.7	12.8	12.0	20.30
Ethiopia - Ethiopie	1.8	0.6	0.7	0.5	0.2	...	0.7	0.64
Gabon	...	...	...	2.4	...	4.8	3.6	1.54
Ghana	12.7	10.6	11.1	8.5	11.5	12.0	12.3	11.24
Ivory Coast - Côte d'Ivoire	7.2	7.1	6.2	8.0	...	9.9	10.5	6.99
Kenya	11.2	12.4	15.2	15.6	14.9	12.4	13.5	13.60
Lesotho	...	...	...	...	75.9	66.7	...	20.37
Liberia - Libéria	1.3	1.6	1.6	2.4	1.8	1.5	1.7	1.70
Madagascar	11.6	10.4	7.8	7.8	8.8	7.9	8.9	8.49
Malawi	3.0	3.5	5.4	4.5	10.5	10.5	...	5.34
Mali	1.2	0.8	2.3	16.9	5.3	6.5	7.5	5.77
Mauritius - Maurice	19.2	23.2	26.7	12.2	28.8	37.7	29.4	25.31
Morocco - Maroc	16.8	22.5	24.0	25.8	25.5	29.9	36.1	25.80
Niger	...	...	1.8	1.1	2.1	2.2	1.8	1.29
Nigeria - Nigéria	0.5	0.4	0.6	...	...	...	...	0.21
Senegal - Sénégal	15.4	11.4	15.7	7.5	12.2	23.5	14.0	14.24
Sierra Leone	66.3	44.6	37.9	43.2	31.4	...	...	31.91
Somalia - Somalie	2.1	0.9	...	0.7	...	...	...	0.53
Sudan - Soudan	0.5	...	...	0.6	2.6	...	...	0.53
Swaziland	15.7	13.9	19.1	19.8	21.5	25.1	29.5	20.66
Togo	4.8	5.7	7.1	9.2	10.4	15.1	...	7.47
Tunisia - Tunisie	27.0	34.6	38.7	34.5	36.4	33.7	33.6	34.07
United Rep. Tanzania -Rép. Unie de Tanzan.	8.2	8.2	12.4	17.5	14.8	...	...	8.73
Zaire - Zaïre	49.4	67.0	53.5	56.0	56.0	56.0	56.1	56.29
Zambia - Zambie	97.6	97.1	95.2	97.1	...	...	...	55.29
Zimbabwe	39.9	37.5	37.9	40.5	40.5	33.4	28.4	36.87

Source: Calculations based on data from the ECA Statistics Division Database.- Calculs effectués à partir d'informations tirées de la Banque de Données de la Division de la statistique de la CEA.

1/ Manufactured goods include sections 5 through 8 of the SITC
Les produits manufacturés correspondent ici aux sections 5 à 8 de la CTC/

Table 21.* Composition of Exports of Manufactures by End use selected periods
Tableau 21. Composition par usage Final Des Exportations D'Articles Manufactures
(At Current Prices - En Prix Courants)

Percentage - Pourcentage

Countries/Pays	Period/ période	Non-durable/ Non durables	Intermediate/ Intermédiaires	Capital and durable/ Capital et durables	Other/ Autres
Burkina Faso	1972-1974	2.6	73.3	4.7	19.4
	1979-1981	1.5	79.3	7.8	11.4
Cameroon - Cameroun	1972-1974	6.1	53.0	8.4	32.5
	1979-1980	2.7	53.3	4.9	39.1
Egypt - Egypte	1972-1974	6.9	77.5	1.4	14.2
	1979-1981	4.2	69.8	0.7	25.3
Ethiopia - Ethiopie	1972-1974	1.5	24.8	1.5	72.2
	1979-1981	0.8	15.2	0.1	83.9
Ghana	1972-1974	0.7	57.3	0.3	41.7
	1979	1.4	54.2	2.1	42.3
Ivory Coast - Côte d'Ivoire	1972-1974	1.8	36.4	9.7	52.1
	1979-1981	2.3	29.9	8.4	59.4
Kenya	1972-1974	3.5	22.3	1.7	72.5
	1979-1980	4.8	15.0	2.3	77.9
Liberia - Libéria	1972-1974	6.8	28.7	22.5	42.0
	1979-1981	2.8	41.6	24.4	31.2
Madagascar	1972-1974	3.9	18.1	2.9	75.1
	1979-1981	4.7	22.4	7.6	65.3
Malawi	1972-1974	3.2	13.3	1.9	81.6
	1979-1980	2.8	13.5	0.4	83.3
Morocco - Maroc	1972-1974	12.1	32.5	3.9	51.5
	1979-1981	16.8	49.3	2.0	31.9
Niger	1972-1974	7.5	14.7	11.8	66.0
	1979-1981	16.7	25.0	14.9	43.4
Nigeria - Nigéria	1972-1974	6.1	28.1	0.1	65.7
	1979	13.2	22.8	4.5	59.5
Senegal - Sénégal	1972-1974	4.6	15.5	6.9	73.0
	1979-1981	3.3	14.9	5.4	76.4
Tunisia - Tunisie	1972-1974	3.5	38.3	1.5	56.7
	1979-1981	36.6	35.3	6.3	21.8
Zambia - Zambie	1972-1974	—	99.9	0.1	—
	1979	0.1	99.7	0.1	0.1

Source:- UNIDO, Handbook of Industrial Statistics 1984, (New York:United Nations, 1985), Table 10

ONUDI, Manuel de Statistiques Industrielles 1984, (New York: Nations Unies, 1985, Tableau 10

Table 22. Value of Africa's exports of manufactures
Tableau 22. Valeur des exportations africaines d'articles manufacturés

In million US dollars (F.O.B) - En millions de dollars EU (F.O.B)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	Av.An.gr.rate 1970-81
Chemicals	131	164	189	232	386	355	335	468	543	785	1086	1017	22.56
Machinery and transport equipment	61	99	114	101	133	191	110	134	172	269	374	312	20.72
Textile yarn and fabrics	188	214	253	297	424	398	388	497	567	579	577	546	11.10
Non-ferrous metals	1668	1259	1327	1934	2530	1451	1639	1687	1483	1878	2268	1718	3.79
Other manufactures (mainly beverages, textiles and wood products)	456	654	1356	1741	832	840	734	885	1058	2077	1701	1601	20.70
Total manufactured goods	2504	2390	3239	4305	4305	3235	3206	3671	3823	5588	6006	5194	8.76

Source: UN, Yearbook of International Trade Statistics, Vol I (various issues)

Annuaire des statistiques de Commerce International des Nations Unies, Volume I (diverses éditions)

Table 23. Percentage distribution of value of Africa's exports of manufactures
Tableau 23. Répartition en pourcentage des exportations africaines d'articles manufacturés par groupes de produits

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Chemicals	5.23	6.86	5.84	5.39	8.97	10.97	10.45	12.75	14.20	14.05	18.08	19.58
Machinery & transport equipment	2.44	4.14	3.52	2.35	3.09	5.90	3.43	3.65	4.50	4.81	6.23	6.01
Textile yarn and fabrics	7.51	8.95	7.81	6.90	9.85	12.30	12.10	13.54	14.83	10.36	9.61	10.51
Non-ferrons metals	66.61	52.69	40.97	44.92	58.76	44.86	51.13	45.95	38.80	33.61	37.76	33.08
Other manufacture	18.21	27.36	41.86	40.44	19.33	25.97	22.89	24.11	27.67	37.17	28.32	30.82
Total Manufacture goods	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source:- Calculations by ECA Statistics Division based on the data given in the above table (Table 22)

Calculs effectués par la Division de la statistique de la CEA sur la base des données consignées dans le tableau ci-dessus.(Tableau 22)